Inaugural Gray

Paped March 1825

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Bilions Colic

by

Smith . M. Price

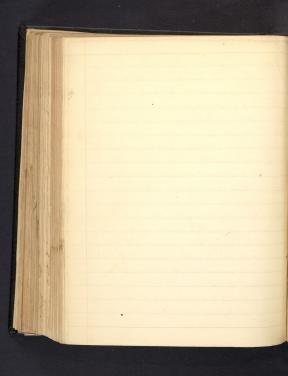
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Pennsylvania.

Philadelphia Nov. 8th 1824.



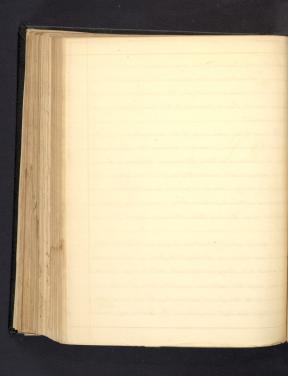
To common is Bilious Colie to our country, and so often has it been described, not only by those who hold a lower grade in the Reofepion, but also by some of its most respectable minibers that no ad detion wither to it's Pathology or Justiment can be expected from the limited experience of the student. This observation is undeed so applicable to almost every subject connected with our science, that the candidate for Medical Horiour, seldom attempts to offer any thing at all original, or if he does the gon nally finds, citteer that he has been led astray by the deception of a momentary imagination or that his sentiments have been recorded by other writers. The consideration of these circumstances, reviders it difficult for luin to make a selection. But hav ing for a considerable length of time, pursued my studies in a district of country, the intrabitants of which appeared to be particularly liable to this of fection, I had frequent opportunities of treating it.



and therety became better acquainted with it, this a pertiage demost any other disease. Considering this a sufficient inducement for the substicus minimal base made. I will proceed to the consideration of the subsect.

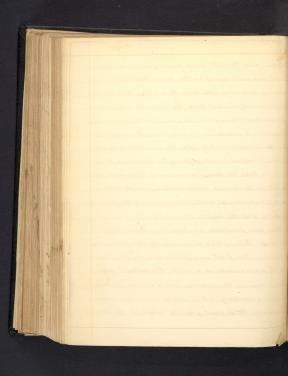
Delion bolic according to the anongement of Deplace Chapman, is marked among the discover of the Ligestive Lysten. It may be defined, a prainfully spannodic contraction of an intestine, accompanied by counting of title constitution and incurred article action. It is ugarded by some witten as a Delion Geore thrown upon the bow-

Her causes retricte produce it are various but the most common, are undigestible food, a redundative of acid title long continued continues, but added faces and the external application of colds four ticularly to the lower extremeter, it appears to me, that there was last consound, the former of a pudis

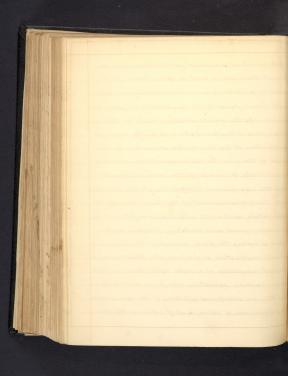


proving, and the latter as an excelling cause, an the exception of this discount the production of this discount the production of this discount that the product time only a short time preceding the attack, beau copions to cold, and bleave in several instance, known the speaker to subside, and all implicators symptown disappears, immediately after the exacuation by glywing freely the such cases it is probable that the faces by immaining too long in the interference, freedom to prediction, and that the cold excelled a pranucodic contraction, by which this forms prophed and the papage they closed.

Men one produced, whatever may been been the cause delivery betic commences in the following manner. The first symptom which we have of its appearance, is a chill. The patient some feels a frame in the absormer, which semetimes attack him very suddenty, but at others comes on more gradually. It is most generally compact to see

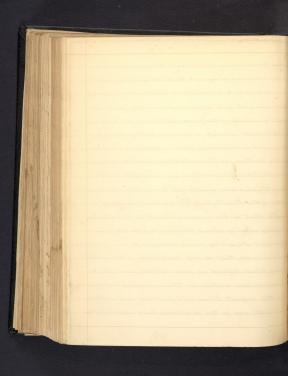


though there were a knot in the intersine. In al most every obstinate case, which I have ever met occupied by the small intestines, while on the contrany, when it has been light and easily removed by recetions, it has been located somewhere in the course of the colou. In this manner I have accounted satisfactority to suyself, for the obstinacy of some and the easy removal of other cases At the same time serve febrile excitement, which is soon followed by arrosexia, wanter and varieting of vitious matter. There is during the whole progress of the disease, obstinate constitution and considerable thrust, and the patient complains of a better taple. Huge are the most common symptoms which we meet with but there are sometimes affections of the eyes, as blind rup, presuriou of vision Le. As it advances, the som-

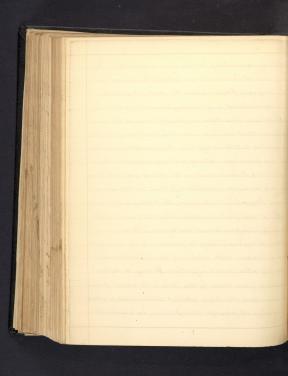


in implores up to administer a fatal dove. Hiccough last, a sinking of the pulse, cipation of the paire and footed butte indicate a mortification of the inter stitutes the Plia Papion. It is perhaps worthy of remark that in the commencement of this affection, advanced stages, very much menages et.

I am sucre, that we my discription of the symptomy, I have difficed in some insteads, from all inthis who have written on their. I regard this part of the subject, I have not followed any author, but with one or the exceptions, have confund my



remarks exclusively to my own observation. In der my care, I have asked the patient whether be experienced any tristing sensation about the auswer that be did not. His fact may appear singular, but tis no left true. This symptom, as far as my knowledge extends, is always present in Flatubut lolic. I don't presume to uplied any opinion of my own in opposition to that of the orperiweed Physician, or to afreel, that there is not gone He Diagnosis may be stated in a few words. He are the other bowel affections. It may be distin quiplied from these, by the chill with which it com money, and the ligh arterial action which attends it during its progress. Hiere, I believe, are always fre



sent in this disease, but sewer in the other of the same kind. Here are also symptonis queule as to each of the other formy which will aid in

Dio guaris Bilion tolic is never to be uckoued void of danger, as it may unexpectedly turnimate in gan giene, There are browever some symptoms which way be regarded as favourable. When the initation of the stomach subsides so that we may have an opportunity of administering our remedies, where the patient experiences a rumbling sensation in ces, followed by a relief of the prain, we may have rea son to expect a favourable termination. On the con trary, a sudden copation of pain, while the costine syreope and hiccough denote that mortification



papine is also to be accounted trigitly dangerous. Me count approximent to be observed one Expedient me instances and a sparme instancemation of the installing mitter sparmodic continuation of some part of the tube or niting superprise.

An the nearment of this disease, the second much settlementify diseased on the removal of the second in the removal of the second in the encloses of the subject this et is margine to consist the encloses of the subject of the chief danger in tolle acing from an enflowmation and consequent exocitions, it will always to proper solven the case is interest, it commence will experience solved the subject of the s



twenty or twenty five owners at once, with proper safety and decided advantage. But even if we do He should next allement to calm the initability of lowed, is annuediately rejected. To effect this object, opium line water and milk, and you nigeotions, flaund wing out of a warm fluid or bottles of warm water applied to the abdoniers, and mine roup other remedicy have been recommended. Atten , opine is used, it should be given in form of fill which has been long kept. But of all the semedies which I have employed for this purpose, a sinapism but. I have applied it, after everything else had



this juncture, the warm batte may be advantageous from the bowels, and consequently, a recovery, white the patient is yet in it. Emetics have been highly sproken of in this disease. Where there are large acon mentations of acrid matter in the stomach, they will rendoubtedly prove serviceable; but as a general rule, they are not at all applicable. (Hery increase the initation which is already too great, and add very unale to the distrip of the palient. It is uged in their favour, that they produce general relaca tion. His cannot be denied, but the same endere be accomplished much more effectually, and with less pain to the patient by enemata.

After having directed this remiting aircident to balis, we bear still an important and difficult object before up the are now to make we of all our effects, to open the bacelors, som as popula-



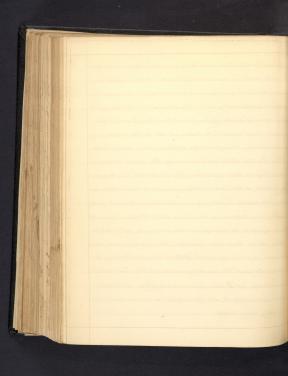
Her neefity of this is reged, not only by the one of the patient for whif, but also by the tending to a return of the gastic initation and the listely to gargenee. For facility of discription, I shall divide the remedy, which are explayed for this purpose, wite 14 Cathartis, 24 these which are grow pur arms and 84 external applications.

Matteration but teating of these actuals in the disease mule consideration, it is difficult to say which are hardle plingest claims to our attentions become use, we find that the most deaptic progrations are requisely simulars the midget laxations are appearance, is precisely simulars the midget laxations are far suspension an efficacy. But as I have had respect to prefer theory which are not refused a very active restricts of the periods of the commence with them.

-laste bil, in penhaps often attending of the medicine weed in their case. But to desire any admittage from it, we must be careful to relied that which is last disagreed to the periods to the project of and to give it in preadle and

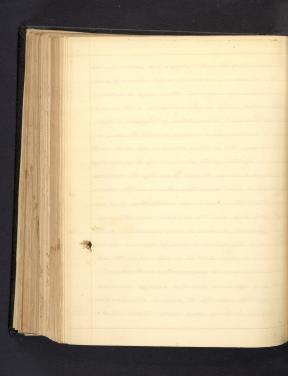


frequently repeated doses. It is remally taken, either alone or with water or wine; but Itrink a better way of ad univitaring it, is to from it on hot coffee, and drink as some as sufficiently cool. Here stive oil being less offen sive, would probably be found beneficial, where the sleure ricini carnot be taken. As the latter however is more active, it is generally prefered, when admissible. Hee Neutral Last, are also among the most valuable cathattics in this affection. Hhe Lufeliate of Magnest a, which is the best of these, is said to be franticular by applicable, to all diseases which are attended with gastric initation, so much so, that it has frequently been known to remain in the stomach, after every other article had been regected. Almost the same may be said of what are called Patent Seidlitz Dowders. I have witnessed the employment of this combination in one case of Dilious Colics and in this it ainced its superiority to all the remedies which had previously been tried.



Imong the more active jungations generally given in this disease, are calonel, zalap, alrenbartes gamboge, scammony, senna Le. Huse may be admini stered, extree alone or in combination with each o the. A favounte prescription of Profesion Chapman, is calound and opium united. On cases of quat danger, two or three grains of the latter, with twelve or fifteen of the former, may be given every three or four hours. He says, by uniting the medicines, we obtain a great advantage. As soon as the opium legens to not, the spapmodic contraction will gen wally give way, and the calonel being they suffind to operate, produces copious evacuations of the bowels, and the disease is cuticky removed. He cal ornel is also more aft to be retained in the stomach, when used in conjunction with opini.

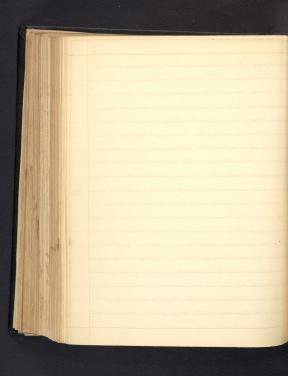
It is a common quartic among medical run of the country to give a combination of server marine and current total preparation



rid ag follown M. Sernae Tels Zin Gup Marhabol Zi Marmai Zij So Unlid St. Septe

Of this a wine glapfull may be given every ten or fifteen minutes. This very often proves succepful as does also the Juglans catharlica, ether alone or uni ted with the proto chloride of Mercung. There are other catharties which may be employed in this affection; but & relieve I have emmeraled the most important. Source Practitioners have recommended the moullowing of leaden bullets, on the supposition. that by their weight. they would force themselves through the contrac ted part of the intestine, but these seem much more likely to create, than to remove an obstruction st , appears to me, impossible that they can act by thingso vity because the intestines do not lie in a straight line from the pylones to the any, and though this were actually the case, we cannot suppose that the weight of a bullet as large as a man could swallow, would

particularly one by Les 104 Derry, published in the sixtuation rolume of the Edinburg Medical Com monetonia, on which the hydrogyny, swallowed in great greateties, was attended with the happing effects affer every other unedy lead been tried in vail. texture, the direction of which was downward, the



it be of any advantage. I once gave it in the dose of six ources, to a patient laborning under this discover but it produced no remarkable effect. It remained with lune two days, at the expiration of which times it came from line, without affording any relief. It is a very propular opinion in the country, that this article administered even in the smallest quantity will certainly either new through the bowels, or de stroy the patient in fifteen or twenty minutes on this accounts you can seldow induce my one to take it. Heis is not however, my great misfortime for the muedy don't appear to promise much good. It will also be proper, while wing catharties, or even be fore, if the initation of the stomach should continue long, to administer wild apreciout injections Huse are almost immunerable, but the most common are the following equal parts of dive oil, molapes and runiate of socia dissolved in a print of water, or wilk, half a purt, andafrafralf a pint and land three ounces, or sub-



pleate of woda in magnesia three ounces depolved in a part of water or warm water alone. A junt of fluid is the quartity uprally directed, for are creema, but Atteins at anight generally be increased with advaritage, If those above enumerated should fail we may make use of others which are more active; us are infusion of surra and galage, seura and rhurbarly or all these three articles combined. The injection of temperature has been highly spoken of in this case. It is prepared by combining oleum tore builtie nac a table spoon full, the while and yolk of one egg and water one push. His is over more efficacious in Glatuleut than in Bilious Colic. A junt or more of cold water or ever ice water, is said to have been injected with complete success. After all these remedies have fair led, we may report to the lobacco injection, either by nifusion or suroke. To prepare the infusion pour a print of hot water on one deadlin of tobacco. A common pipe will arriver very well to administer



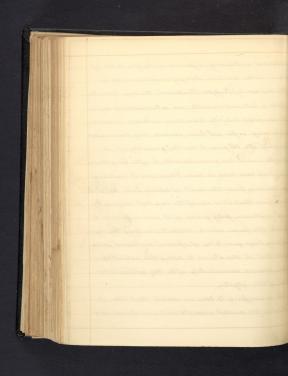
the smoke this the bowl will tobacco, and inflame it, then cover it with a rag, and introducing the store into the rection, blow through the bowl. A partie las apparatus has been invented for this purposes but it cannot always be lead. It should, however, be recollected; that tobacco should never be used, ex cepting of a durier resort. Blue powerful sedative effects of this article, have been known to destroy the patient, almost immediately after it's admisistrations As Earle of London, has proposed the introduction of a suppository, as a means of quarding against the danger which arises from the in sections. A quill of tobacco may be deposited in the rectum, it is said will as wrich effect as the smoke or infusion, and may be withdrawn, irmne diately on the appearance of dangerous symptoms. His statement has been fully consborated by other Riactitioners.

In evena constituted of twenty or thirty grains of



taxarired antimony dispotved in half a punt of warm water, has been strongly recommended in Mis disease by Brofessor Chapman, "He says weene the effect is full and complete, an extraordinary degree of unescular debility takes place without, however, producing, so far so I have observed, any permanent mischief. He has given it in the quantity of a deachin, and has succeeded with it, after every thing else had been tried in vain. Phave seen it employed in two cases, from the result of which, Law inclined to believe, that it is one of the very best remedies. In one instance, forty grains of it were injected, to relieve the pain, which, notivities tanding the use of very large quartities of opium, continued so vio last, that it threatered to destroy the palient, but disappeared immediately after the administra tion of the glyster.

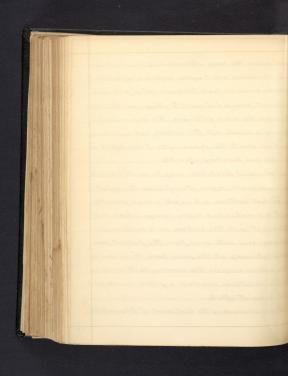
It is necessary to bear in minds that like ca-



ond, when the more stemulating one have failed. He should not thrusper, despair of especially a cure, when we have tried one set of unredies without success, but used to others, and thursme through the whole catalogue. He were introduction of a candle into the rection, will sometime put an end to the disease after it has baffed in in all our precious attempts.

Mechanical dilatation may be resulted to with a considerable degree of confidence. The supert and last melliod, in to regard, a large quantity of tipid water, by a proper syringe which will throw it into the rection in a continued stream, and with some force. He featent dimking copriously at the same time. Here one to two gallow may in this marner to throw in to the interture, and leaf a gallon drunk, with the interture, and leaf a gallon drunk, with

Before concluding the treatment of Bilious Police



applied externally for the purpose of evacuating the bowels. - Cold water dashed on the extremition or abdomen, was a favourite prescription of the late Dr Rush. I unthod somewhat similar, has been proposed in the Edinburg Med Come which in many cases, has been known to do service. The patient is to be taken out of bed, and made to walk about on the cold floor of a damp apartment; At the same time, houingers of cold water are to be dashed on his feet, logs and thigher, and this must be continued, for an how or longer, if a stool be not procured before that time, though this will generally be the case unuch scorer. Alre exercise does not at all impair the pa trents strength, but rather adds to it. Jone very ne markable instances are adduced, where this proved effectual, after every thing else had failed. In one person, the disease had come on, with an leabitual continences, and the patient had been for a



week, terrecrited with a violent pain and someting, which could be stopped within by anodynes me any other enedicines, the strapest glyster being returned in about the series of pregative thrown up, some after they ever event over the sort by the about mentioned enedled, a short coas procured in thirty fin minutes, and the patient resourced in thirty fin minutes, and the patient resourced in the that if so well the skin of some persons in a initiable. That if so pred to cold it with they proceed in cold it with they proceed to cold it with they are presents to cold it with they are presents to have their a persons that they think a preacher which seems so hereadous as that year stated, when if he adopted with continu.

The warm applications entirely Immediate when their ting of these somether which are used to calm initation of the stomach, are beneficial in the other storys of the disease 130 these stray also be added the majore bath and flavored notes, the first of which is highly series ben. Donce Meysicians seake it a practice, to apply a large removes of lectors, decotty over the painful part of the abdonum, but of this practice, I can say nothing



from my own experience.

A Mister large mough to cover the whole abdomen, will sometimes succeed in anothing this disease. Analagous to this are subspecients Law fully persuaded that the Frac titioner might often save himself a great deal of tronble, and the patient which pains by making use of these latter remedies, in the very beginning of the disease. On account of the absence of my preceptor, soon of ter Scommenced the study of Medicine, Iwas called to a case of Bilious tolic. Being almost entirely un acquainted with the treatment, and not willing to expose my ignorance, I determined to de something from which Ithought no ringray would result . Lacending Typicpaied a liniment, composed of equal parts of spi a uts of tenfrentine, spirity of hartolow and sweet oil, and commenced nubbing the abdomen, and through the pain and vomiting were very violent, in less than fifteen numeter, they both subsided, there was a copious evacuation of the bowels, and the patients

we alived. There werted to the same practice, in the a three cases since, and although the benefit was not so great as in that just stated, still the pain and initation new seconspletely calined, that there was no difficulty in procuring the operation of a collectic.

Should all the remedies which Shave enumerably fail, we have shill one usent. Mucery, unged to Sai vication, will pregnently match the Balient from the apparent grasp of death. Such might be said with utility of this medicine in Colic, but to custom its employment, it is encepany to mention only, that among its advocation on Physick and Chapman.

